

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

2662-140

First Inventor

FREIDHOFF

Title

THIN FILM ENCAPSULATION OF MEMS DEVICES

Assignee Information: Northrop Grumman Corp.  
Los Angeles, CA 90067

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner of Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
3. ☒ Specification Total pages [ 25 ]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross references to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to sequence listing, a table or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings
  - Detailed Description
  - Claims
  - Abstract of the Disclosure
- ☒ Drawing(s) (35 USC 113) (Total Sheets) [ 2 ]
- ☒ Oath or Declaration (Total Pages) [ 2 ]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application  
(37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
**[Note Box 5 below]**
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,
6. ☐ Application Data Sheet.

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program
8. Nucleotide and/or Amino Acid Sequence Submission
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

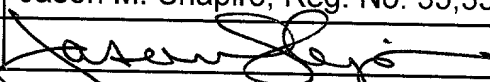
9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement  
(when there is an assignee)
  - ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement /PTO 1449
  - ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s).
16. ☒ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
17. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below or in an application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_  
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

☒ Customer Number or Bar Code Label 6449

Address	Rothwell, Figg, Ernst & Manbeck Suite 701-East, 555 13th Street, N.W.				
City	Washington	State	D.C.	Zip Code	20004
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031
Name	Jason M. Shapiro, Reg. No. 35,354				
Signature				Date: February 19, 2002	

<b>FEE TRANSMITTAL for FY 2001 (Large Entity)</b>		Complete if Known	
		Application Number	
		Filing Date	Herewith
		First Named Inventor	FREIDHOFF
		Examiner Name	
		Group Art Unit	
Total Amount of Payment	(\$870.00)	Attorney Docket Number	2662-140

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck

☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status

2. ☒ Payment Enclosed

☒ Check

☐ Credit Card

**FEE CALCULATION**
**1. FILING FEE**

Fee Code	Fee \$	Fee Description	Fee Paid
104	740	Utility filing fee	[740.00]
106	330	Design Filing Fee	[ ]
107	510	Plant Filing Fee	[ ]
108	740	Reissue Filing Fee	[ ]
114	160	Provisional Filing Fee	[ ]

**SUBTOTAL \$740.00**

**2. CLAIMS**

Paid	Extra Claims	Fee	Fee
Total Claims [25] - 20** = [5] x \$18 =		90.00	
Independent Claims [3] - 3** = [0] x		84 = [0]	
Multiple Dependent Claims +		280 = [ ]	

\*\*or number previously paid, if greater;

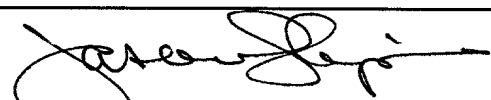
**SUBTOTAL \$90.00**

**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

Fee Code	Fee Paid	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	[ ]
127	50	Surcharge - late provisional filing fee or cover sheet	[ ]
139	130	Non-English specification	[ ]
147	2,520	For filing a request for reexamination	[ ]
112	920	Requesting publication of SIR prior to Examiner action	[ ]
113	1,840*	Requesting publication of SIR after Examiner action	[ ]
115	110	Extension for reply within first month	[ ]
116	400	Extension for reply within second month	[ ]
117	920	Extension for reply within third month	[ ]
118	1,440	Extension for reply within fourth month	[ ]
128	1,960	Extension for reply within fifth month	[ ]
119	320	Notice of Appeal	[ ]
120	320	Filing a brief in support of an appeal	[ ]
121	280	Request for Oral Hearing	[ ]
138	1,510	Petition to institute a public use proceeding	[ ]
140	110	Petition to revive -unavoidable	[ ]
141	1,280	Petition to revive - unintentional	[ ]
142	1,280	Utility issue fee (or reissue)	[ ]
143	460	Design issue fee	[ ]
144	620	Plant issue fee	[ ]
122	130	Petitions to the Commissioner	[ ]
123	50	Processing fee under 37 CFR 1.17(q)	[ ]
126	180	Submission of Information Disclosure Statement	[ ]
581	40	Recording each patent assignment per property 40.00 (times number of properties)	[ ]
146	740	Filing a submission after final rejection (37 CFR .129(a))	[ ]
149	740	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
179	740	Request for Continued Examination (RCE)	[ ]
169	900	Request for expedited examination of a design application	[ ]
195	300	Publication fee for early, voluntary, or normal publication	[ ]
196	300	Publication fee for republication	[ ]
089	200	Filing application for patent term adjustment	[ ]
090	400	Request for reinstatement of term reduced	[ ]
		Other fee (specify)	[ ]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL \$40.00**

SUBMITTED BY		Complete (if applicable)	
NAME AND REG. NUMBER	Jason M. Shapiro, Reg. No. 35,354		
SIGNATURE		DATE	February 19, 2002
		DEPOSIT ACCOUNT USER ID	

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor		FREIDHOFF
	Title	THIN FILM ENCAPSULATION OF MEMS DEVICE	
	Attorney Docket Number		2662-140

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 19, 2002

Date

  
Signature

Jason M. Shapiro

Typed or printed name

Reg. No. 35,354

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii).**